

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. PU0418	APPLICATION NO. To be assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT(S) James Van Alstine, et al.	10/594187
				FILING DATE To be assigned	GROUP ART UNIT To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	3,869,436	04-Mar-75	Falksveden			
	A2	4,683,294	28-Jul-87	Van Wijnendaele, et al.			
	A3	5,151,358	29-Sep-92	Heinsohn, et al.			
	A4	6,383,393	07-May-02	Colpan, et al.			
	A5	6,399,750	04-Jun-02	Johansson			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	B1	EP 1 319 711	18-Jun-03	EPO				
	B2	WO 98/033572	06-Aug-98	WIPO				
	B3	WO 03/046063	05-Jun-03	WIPO				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent pages, etc.)

EXAMINER INITIAL	REF	
	C1	GEHRKE, S. H., et al., "Protein Sorption and Recovery by Hydrogels Using Principles of Aqueous Two-Phase Extraction", <i>Biotechnology and Bioengineering</i> , volume 58, number 4, 20 May 1998, pages 416-427.
	C2	SHIBUSAWA, Y., et al., "Purification of Lactic Acid Dehydrogenase from Bovine Heart Crude Extract by Counter-Current Chromatography", <i>Journal of Chromatography B</i> , volume 696, 1997, pages 25-31.
	C3	ARSHADY, R., "Styrene Based Polymer Supports Developed by Suspension Polymerization", <i>La Chimica E L'Industria</i> , volume 70, number 9, September 1988, pages 70-75.
	C4	HJERTEN, S., "The Preparation of Agarose Spheres for Chromatography of Molecules and Particles", <i>Biochimica et Biophysica Acta</i> , volume 79, 1964, pages 393-398.
	C5	REMPP, P., et al., "Chapter 12: Synthesis of Graft Copolymers", <i>Comprehensive Polymer Science, The Synthesis, Characterization, Reactions & Applications of Polymers</i> , Volume 6 Polymer Reactions, 1989, Pergamon Press plc.
	C6	JANSON, J. and RYDEN, L., editors, "Protein Purification – Principles, High-Resolution Methods, and Applications Second Edition", John Wiley & Sons, Inc., 1998.
	C7	GAGNON, P., "Purification Tools for Monoclonal Antibodies", Validated Biosystems, Inc., 1996, pages 103-126, 139-143 and 159.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609;
 Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.